

Converting Colors

RGB(10, 213, 228)

Have a look what the booklet for
RGB(10, 213, 228) contains.

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Color

RGB(10, 213, 228)

Conversions

Conversions Part 1

Format	Color
Hex	0AD5E4
RGB	10, 213, 228
RGB Percent	4%, 84%, 89%
CMY	0.9608, 0.1647, 0.1059
CMYK	0.96, 0.07, 0.00, 0.11
HSL	184°, 92%, 47%
HSV	184°, 96%, 89%
XYZ	37.9230, 53.2545, 81.6792
YIQ	154.0130, -125.8030, -38.3710

Conversions

Conversions Part 2

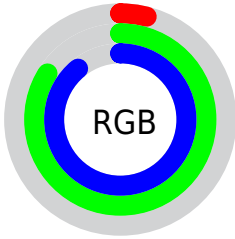
Format	Color
R _{YB}	10, 115, 228
Decimal	710116
CIE Lab	78.02, -37.19, -19.61
CIE LCh	78, 42.042, 207.808
Yxy	53.2545, 0.2194, 0.3081
Android (android.graphics.Color)	4278900196 (0xFF0AD5E4)
YUV	154.0130, 36.4756, -126.2994
Hunter-Lab	72.9757, -34.9469, -15.2783




Details

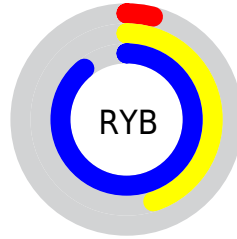
The RGB color **10, 213, 228** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **228, 25, 10**, and the grayscale version is **154, 154, 154**.




A 20% lighter version of the original color is **113, 255, 255**, and **0, 158, 173** is the 20% darker color. If you saturate the color by 10%, you get **0, 212, 228**, and if you desaturate by 10%, it is **33, 215, 228**.

Distribution







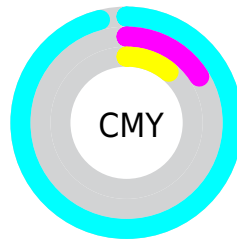
-  Red (4%)
-  Green (84%)
-  Blue (89%)






-  Red (4%)
-  Yellow (45%)
-  Blue (89%)



-  Cyan (96%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (11%)




















-  Cyan (96%)
-  Magenta (16%)
-  Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 10, 213, 228 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 10, 213, 228 by changing the saturation by 10% instead.

 10, 213, 228	 10, 213, 228
 255, 255, 255	 0, 185, 200
 113, 255, 255	 0, 158, 173
 147, 255, 255	 0, 131, 146
 179, 255, 255	 0, 105, 120
 211, 255, 255	 0, 81, 96
 243, 255, 255	 0, 57, 72
	 0, 36, 49
	 0, 2, 29
	 0, 0, 0

■ 10, 213, 228

■ 10, 213, 228

■ 0, 212, 228

■ 33, 215, 228

■ 56, 216, 228

■ 78, 218, 228

■ 101, 219, 228

■ 124, 221, 228

■ 147, 222, 228

■ 170, 224, 228

■ 192, 226, 228

■ 215, 227, 228

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81, 214, 189



10, 213, 228



56, 208, 255

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10, 213, 228



239, 170, 235



221, 190, 114

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



10, 213, 228



228, 25, 10

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



252, 176, 128



10, 213, 228



255, 163, 197

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



10, 213, 228



193, 184, 255



255, 165, 159



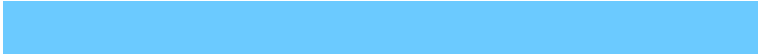
181, 201, 122

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



10, 213, 228



107, 202, 255



255, 165, 159



233, 185, 117

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



10, 213, 228



181, 250, 255



10, 228, 25



83, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10, 213, 228



0, 237, 255



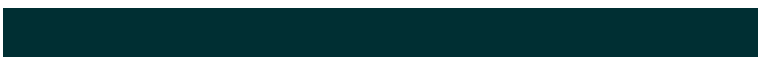
10, 104, 228



103, 114, 115



0, 166, 179



0, 47, 51

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



228, 10, 213



255, 0, 237



228, 134, 10



115, 103, 114



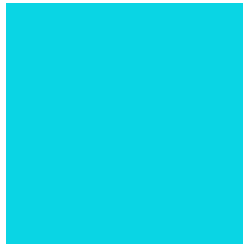
179, 0, 166



51, 0, 47

Previews

White Background



This preview shows how the RGB color 10, 213, 228 looks on a white background.

Color Contrast Check

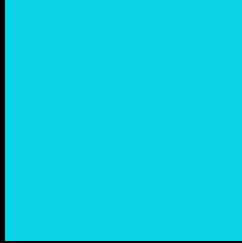
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 10, 213, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

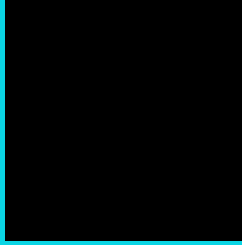
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 10, 213, 228 Background



This preview shows how black text looks on a background with the RGB color 10, 213, 228.

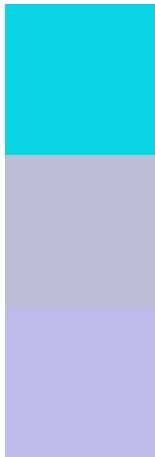


This preview shows how white text looks on a background with the RGB color 10, 213, 228.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

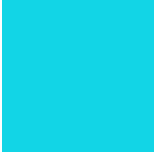
Dichromacy



Original Color
10, 213, 228

Protanopia
188, 190, 213

Deuteranopia
189, 187, 234



Tritanopia
18, 213, 230

Trichromacy



Original Color

10, 213, 228



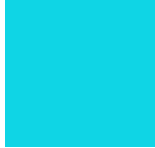
Protanomaly

123, 198, 218



Deuteranomaly

124, 196, 232



Tritanomaly

15, 213, 229

Monochromacy



Original Color

10, 213, 228



Achromatopsia

154, 154, 154



Achromatomaly

102, 175, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 10, 213, 228 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(10, 213, 228)` looks like.

```
.text, #text, p{  
    color:rgb(10, 213, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(10, 213, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 213, 228) }
```

Border

The CSS property to change the border of an element to RGB 10, 213, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(10, 213, 228) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(10, 213, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(10, 213, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 213, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 213, 228);  
box-shadow:4px 4px 4px 4px rgb(10, 213,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 10, 213, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 213, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(10, 213,  
228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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